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PN -JP10039040 A 19980213  
 TI -DEVICE FOR DETECTING POSITION OF BURIED ARTICLE  
 FI -G01V3/08&B ;G01R33/02&Q ;G01V3/00&B ;F16L1/02&V  
 PA -MATSUSHITA ELECTRIC WORKS LTD  
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 AP -JP19960191710 19960722  
 PR -JP19960191710 19960722  
 DT -I

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AN -1998-183503 [17]  
 TI -Buried object position detector for e.g. outlet box - has display units which indicates deviation of magnet in buried object from magnetic sensor, after moving magnetic sensor main body along surface of concealment material  
 AB -J10039040 The detector (A) uses a magnetic sensor main body which includes several magnetic sensors (1a-1d). A buried object (3) with a magnet (4) is detected by moving the main body along the surface of a concealment material (5).  
 -The output values of the magnetic sensors are compared, to determine the deviation of the object from the sensor. A controller facilitates the display of the judgment result on a display units (2a-2e).  
 -USE - For locating e.g. switch box hidden behind wallplate after building construction.  
 -ADVANTAGE - Enables correct detection of central position of magnet in buried object through display unit by eliminating AC variations in output values of magnetic sensors even if induction fields occur.  
 -(Dwg.1/10)  
 IW -BURY OBJECT POSITION DETECT OUTLET BOX DISPLAY UNIT INDICATE DEVIATE MAGNET BURY OBJECT MAGNETIC SENSE AFTER MOVE MAGNETIC SENSE MAIN BODY SURFACE CONCEAL MATERIAL  
 PN -JP10039040 A 19980213 DW199817 G01V3/08 007pp  
 IC -F16L1/024 G01R33/02 G01V3/00 G01V3/08  
 MC -S01-E01 S03-C02 S03-C02B S03-C06  
 DC -Q67 S01 S03  
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 TI -DEVICE FOR DETECTING POSITION OF BURIED ARTICLE  
 AB -PROBLEM TO BE SOLVED: To provide a device for detecting a position of a buried article with high reliability capable of quickly and accurately detecting a center position of a magnet provided to a buried article and of preventing occurrence of erroneous detection.

-SOLUTION: There is disclosed a device A for detecting a position of a buried article whereby a magnet 4 provided to the buried article 3 is detected by means of a magnetic sensor 1 which is moved along a surface of a shield material 5 covering the buried article 3. It comprises a plurality of magnetic sensors 1a, 1b, 1c, 1d and a control circuit that compares magnetic output values detected by the magnetic sensors 1a, 1b, 1c, 1d with each other, judges as to which direction the device is shifted with respect to the magnet 4 provided to the buried article 3 and indicates the judged result on an indication means 2.

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